Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
Data File : BM003220.D
Acq On : 20 Nov 2015 13:50
Operator : UM/IZ
Sample : G4323-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4J02

Quant Time: Nov 21 03:50:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 03:26:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	13562	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	53259	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	29491	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	66180	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	69576	0.40	ng/ul	0.00
22) Perylene-d12	23.60	264	65134	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.12	152	23385	0.32	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	66553	0.41	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	114273	0.84	ng/ul	100
7) 2-Methylnaphthalene	12.19	142	52960	0.59	ng/ul#	100
11) Fluorene	15.44	166	71293	0.64	ng/ul	98
13) Pentachlorophenol	16.78	266	26793	1.72	ng/ul	96
14) Phenanthrene	17.17	178	158993	0.83	ng/ul	99
17) Fluoranthene	19.20	202	155837	0.73	ng/ul	91
19) Pyrene	19.57	202	2194	0.01	ng/ul#	74
20) Benzo(a)anthracene	21.31	228	5860	0.03	ng/ul#	88
24) Benzo(k)fluoranthene	22.96	252	135663	0.58	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.87	276	4570	0.02	ng/ul#	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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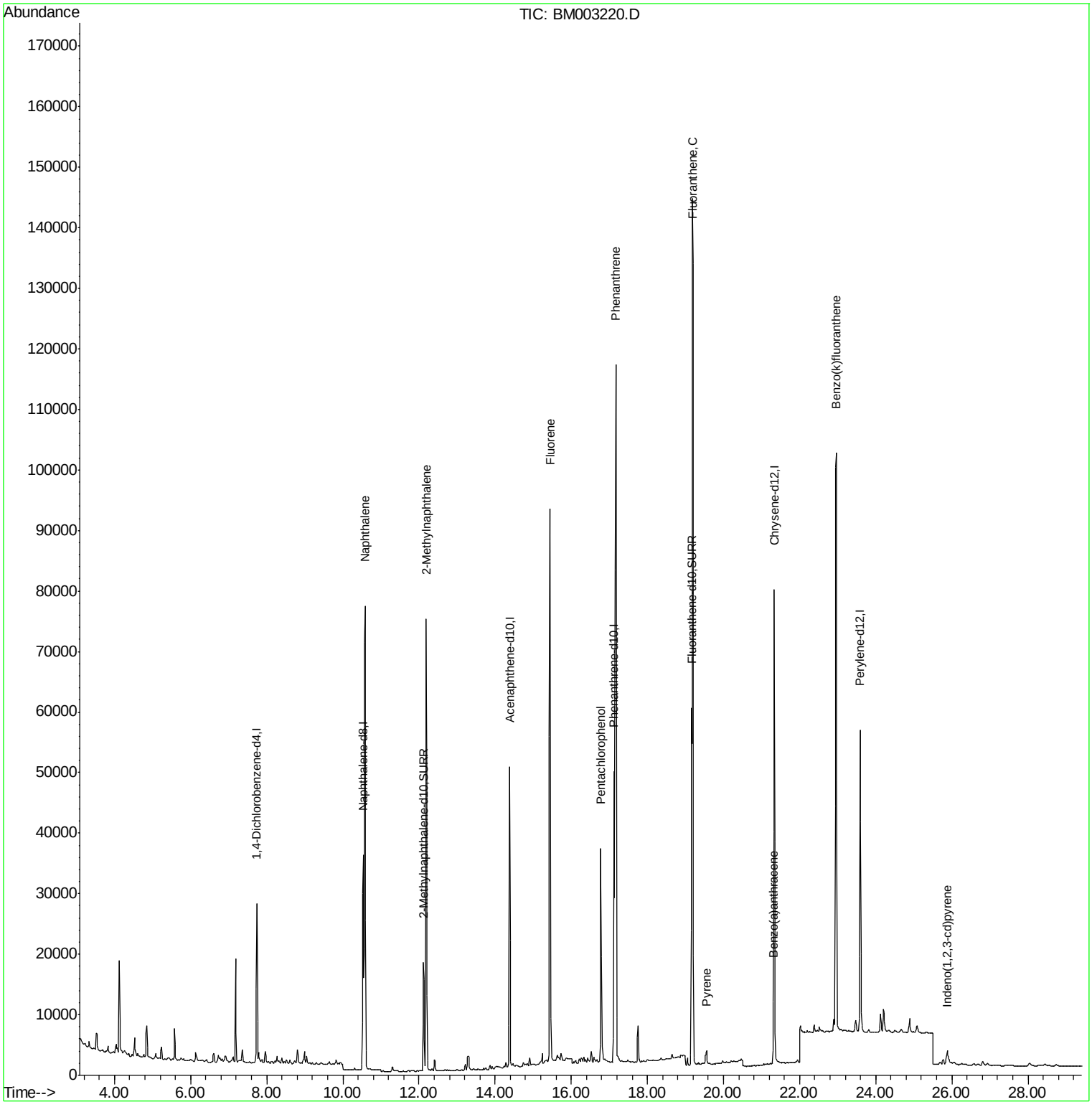
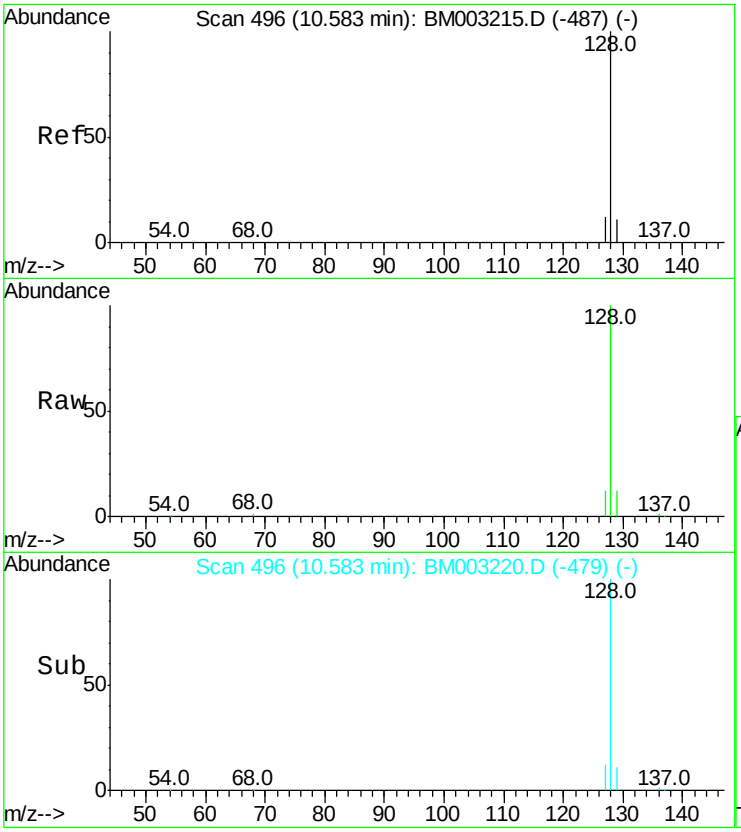


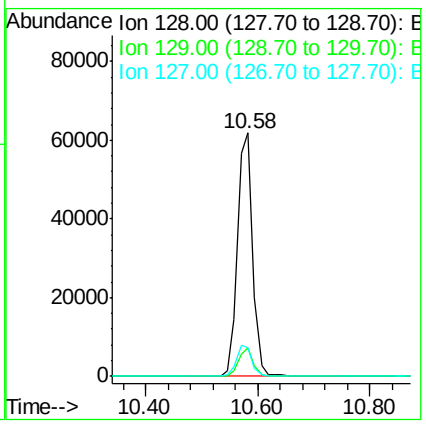


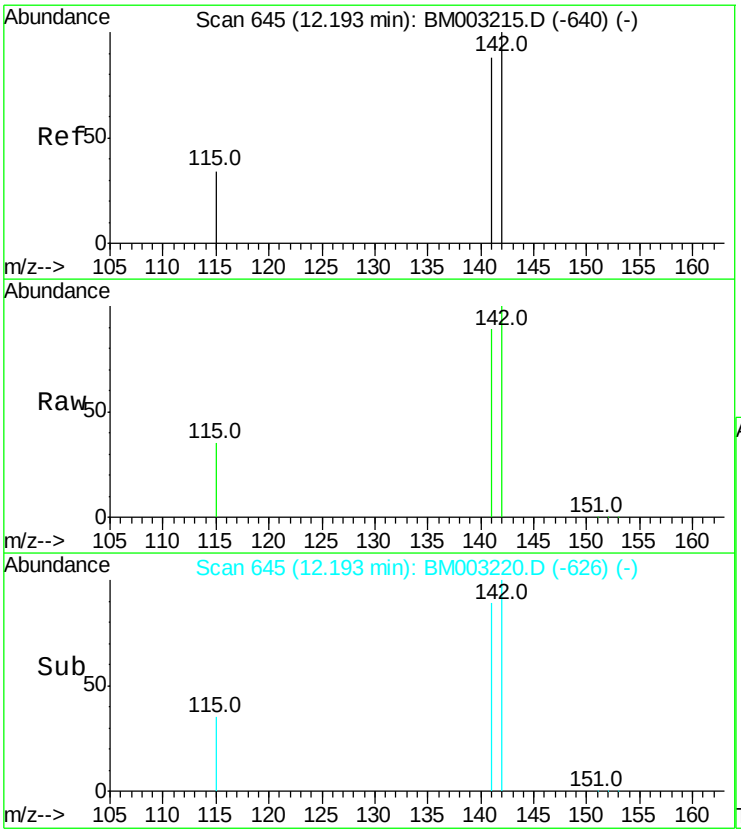
#5
Naphthalene
Concen: 0.84 ng/ul
RT: 10.58 min Scan# 496
Delta R.T. -0.00 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Instrument :
BNA_M
ClientSampleId :
A4J02

Tgt Ion:128 Resp: 114273

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	11.9	9.6	14.4

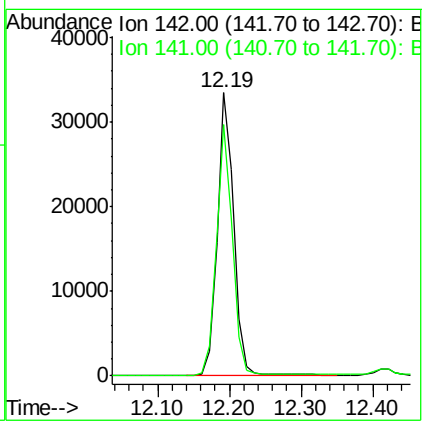


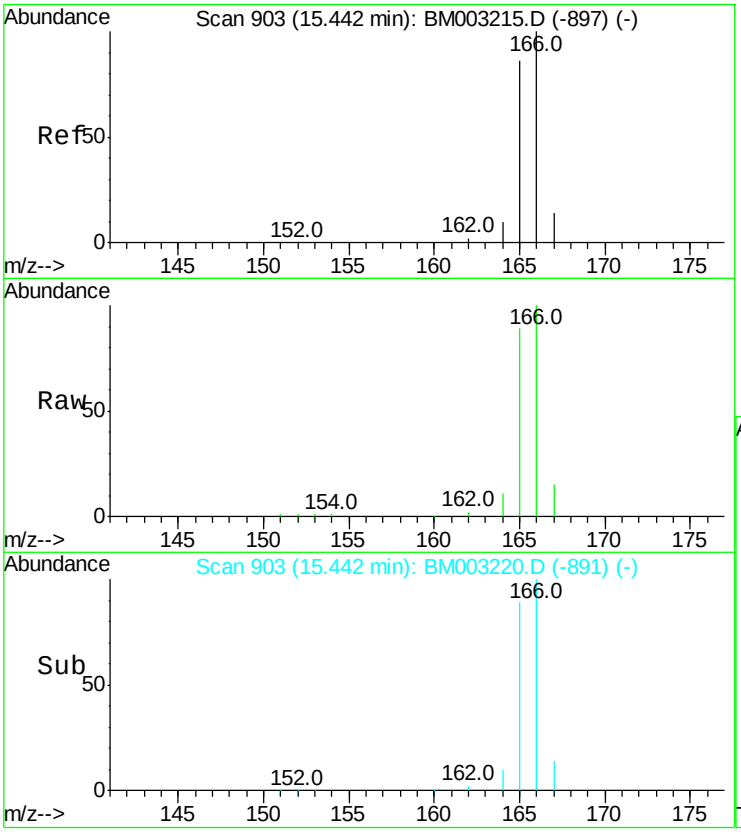


#7
2-Methylnaphthalene
Concen: 0.59 ng/ul
RT: 12.19 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Tgt Ion:142 Resp: 52960

Ion	Ratio	Lower	Upper
142	100		
141	87.9	0.0	0.0#



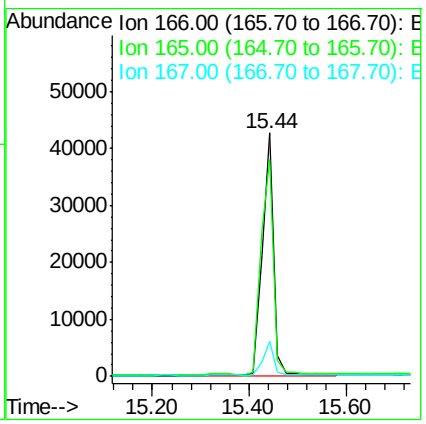


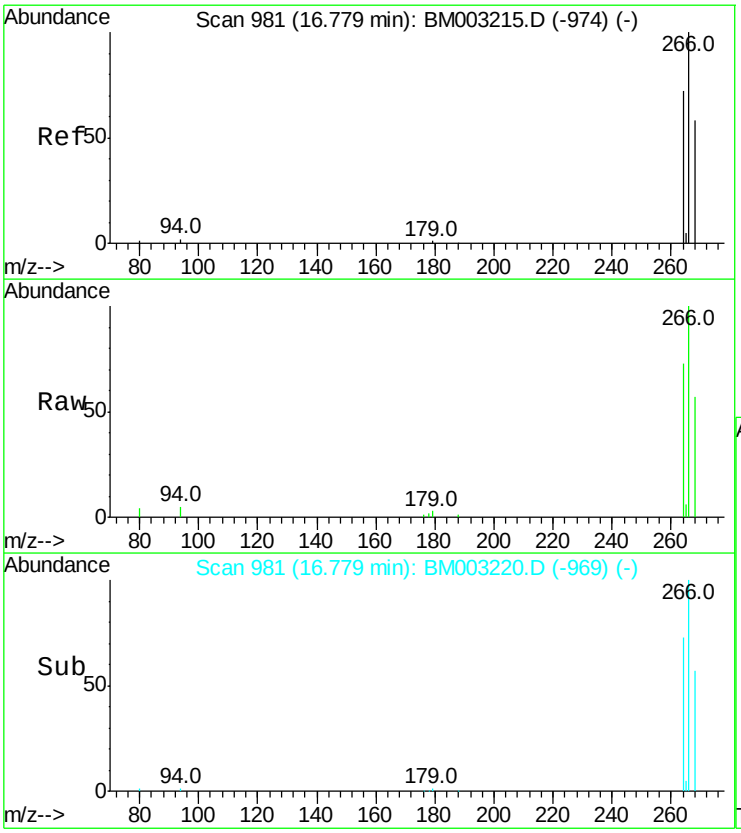
#11
Fluorene
Concen: 0.64 ng/ul
RT: 15.44 min Scan# 903
Delta R.T. 0.00 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Instrument :
BNA_M
ClientSampleId :
A4J02

Tgt Ion:166 Resp: 71293

Ion	Ratio	Lower	Upper
166	100		
165	89.1	69.6	104.4
167	14.5	11.9	17.9

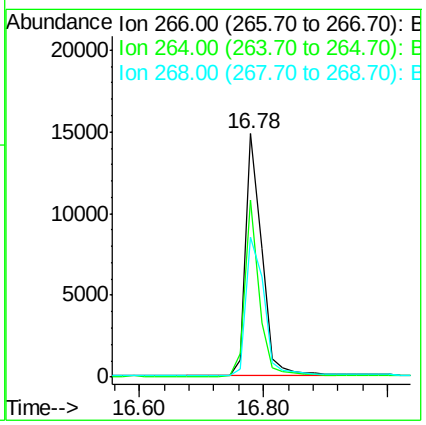


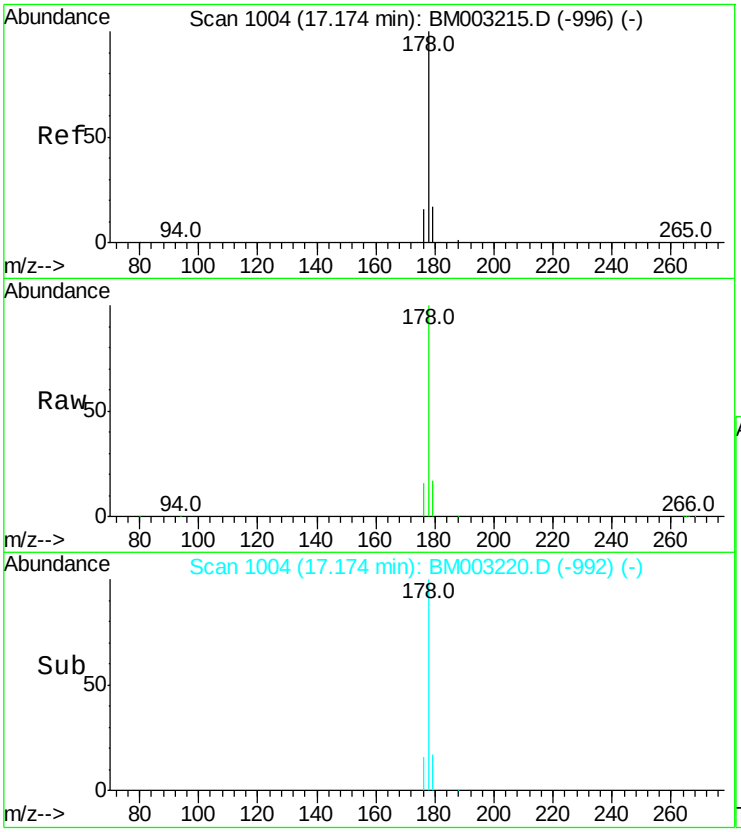


#13
Pentachlorophenol
Concen: 1.72 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Tgt Ion:266 Resp: 26793

Ion	Ratio	Lower	Upper
266	100		
264	64.1	51.8	77.8
268	63.8	46.8	70.2



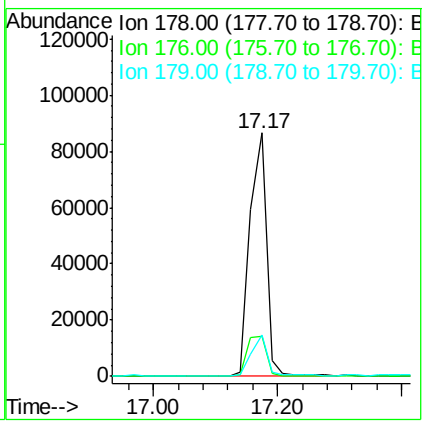


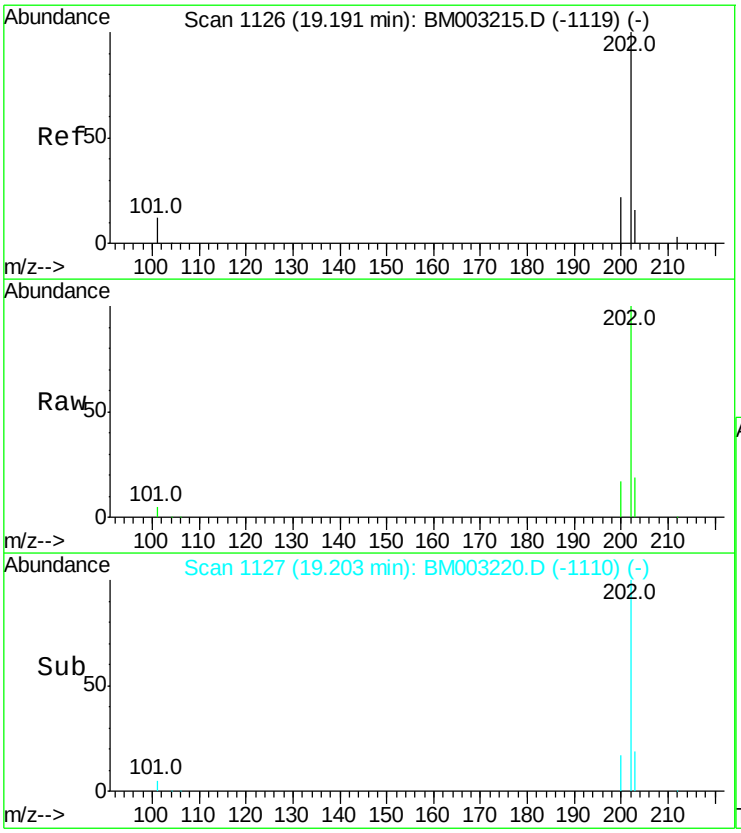
#14
Phenanthrene
Concen: 0.83 ng/ul
RT: 17.17 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Instrument :
BNA_M
ClientSampleId :
A4J02

Tgt Ion:178 Resp: 158993

Ion	Ratio	Lower	Upper
178	100		
176	16.5	13.0	19.4
179	17.2	14.2	21.2

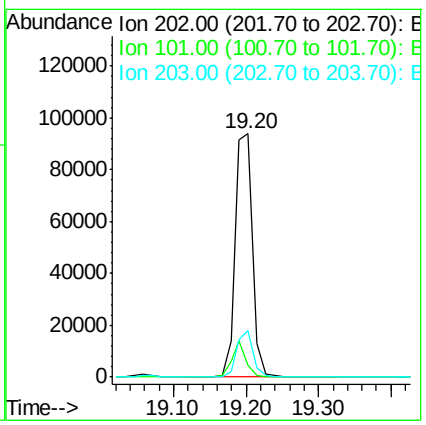


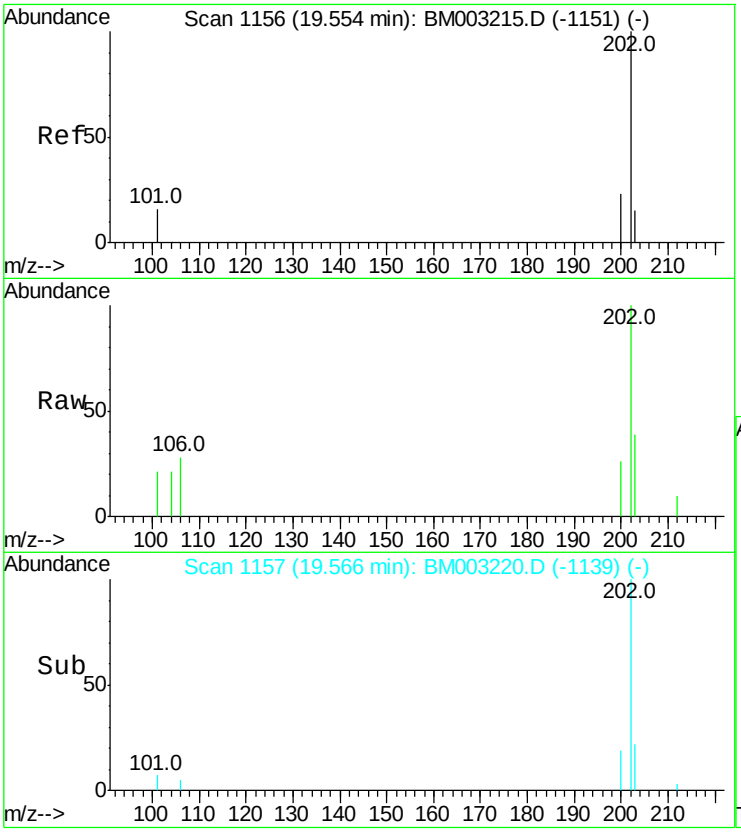


#17
Fluoranthene
Concen: 0.73 ng/ul
RT: 19.20 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Tgt Ion:202 Resp: 155837

Ion	Ratio	Lower	Upper
202	100		
101	5.1	0.0	29.6
203	19.2	0.0	36.3



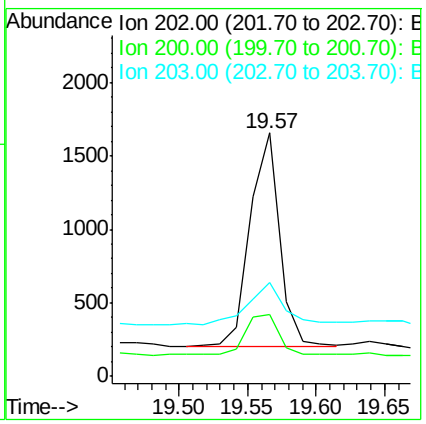


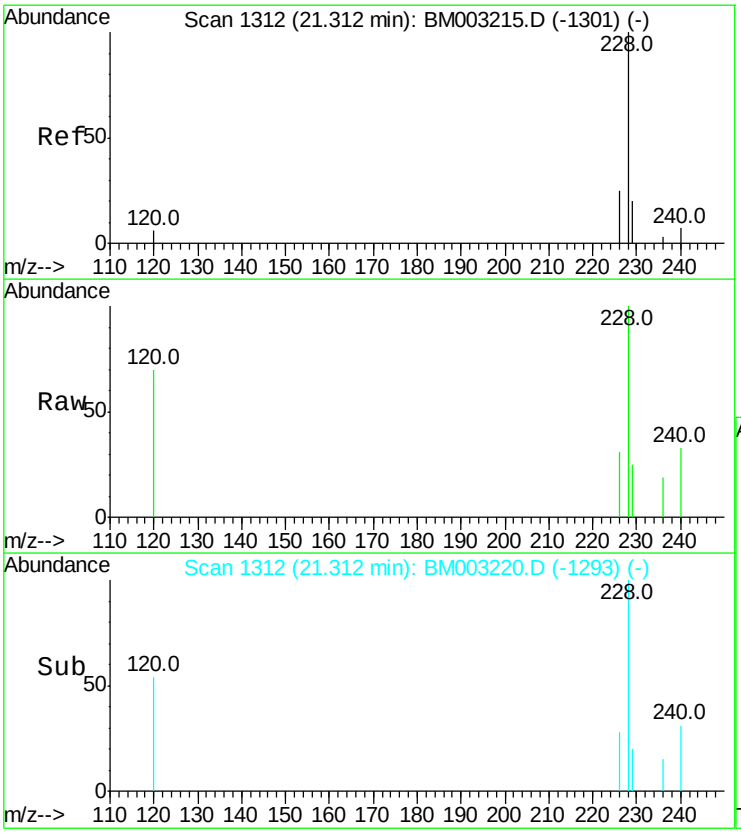
#19
Pyrene
Concen: 0.01 ng/ul
RT: 19.57 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Instrument :
BNA_M
ClientSampleId :
A4J02

Tgt Ion:202 Resp: 2194

Ion	Ratio	Lower	Upper
202	100		
200	25.6	17.8	26.8
203	38.6	12.8	19.2#

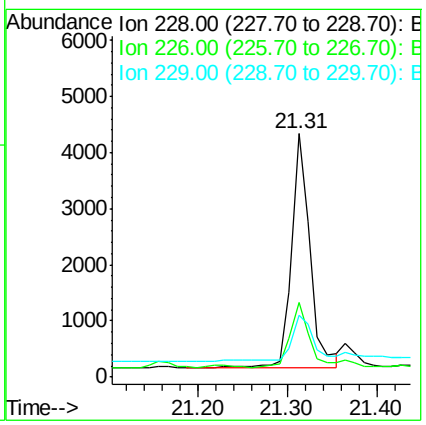


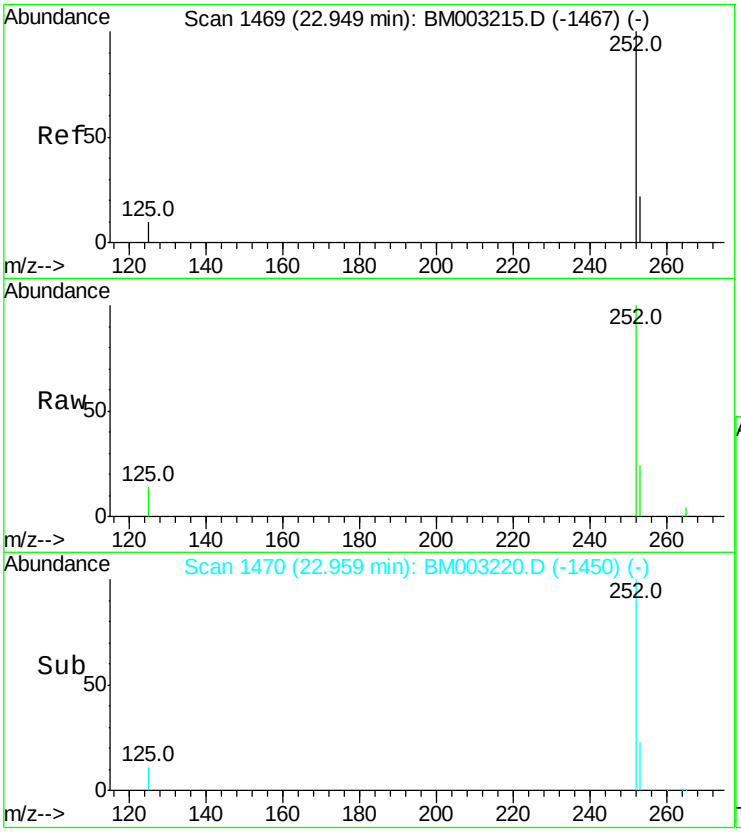


#20
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Tgt Ion:228 Resp: 5860

Ion	Ratio	Lower	Upper
228	100		
226	30.8	18.8	28.2#
229	25.2	17.1	25.7



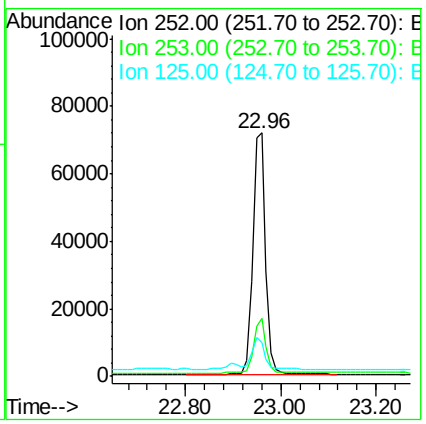


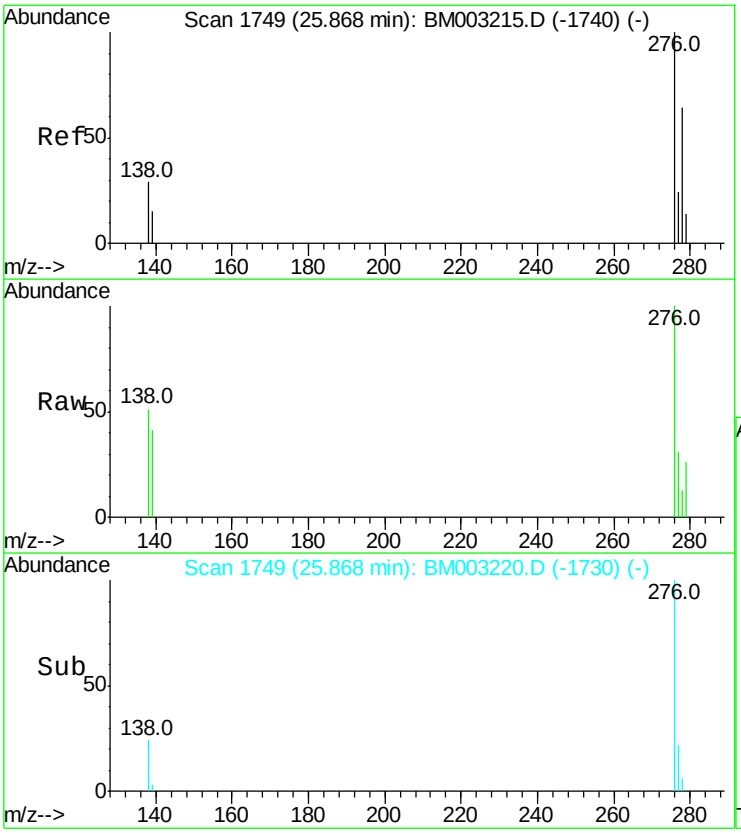
#24
Benzo(k)fluoranthene
Concen: 0.58 ng/ul
RT: 22.96 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Instrument :
BNA_M
ClientSampleId :
A4J02

Tgt Ion:252 Resp: 135663

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	13.8	10.4	15.6





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BM003220.D
Acq: 20 Nov 2015 13:50

Tgt Ion:276 Resp: 4570

Ion	Ratio	Lower	Upper
276	100		
138	36.1	16.3	24.5#
277	27.6	19.8	29.8